

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	150	(hayashizaki-yoshihide, kawai-jun, hayashi-toshizo, kamiya-mamoru). in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 09:23
S2	448	(hayashizaki-yoshihide, kawai-jun, hayashi-toshizo, kamiya-mamoru). in.	FPRS; EPO; JPO	OR	OFF	2009/10/01 09:23
S3	0	(hayashizaki-yoshihide, kawai-jun, hayashi-toshizo, kamiya-mamoru). in.	DERWENT	OR	OFF	2009/10/01 09:23
S6	3	S2 and (ultra short pulse laser)	FPRS; EPO; JPO	WITH	OFF	2009/10/01 09:25
S8	4	S1 and (ultra-short pulse laser)	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/10/01 09:42
S9	3	S2 and (ultra-short pulse laser)	FPRS; EPO; JPO	WITH	OFF	2009/10/01 09:42
S10	4050	tunel	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/10/01 10:37
S11	2	S1 and S10	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/10/01 10:37
S17	1	WO-02068952-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/10/01 10:57
S18	0	WO-02068952-\$.did.	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/10/01 11:00
S19	0	WO-02068952-\$.did.	FPRS; EPO; JPO	WITH	OFF	2009/10/01 11:00
S20	1	WO-02068952-\$.did.	DERWENT	WITH	OFF	2009/10/01 11:00
S21	6	(US-20040113606-\$ or US-20080020474-\$ or US-20040053306-\$).did. or (WO-2004019026-\$).did. or (JP-2002328114-\$).did. or (WO-02068952-\$).did.	US-PGPUB; EPO; JPO; DERWENT	OR	OFF	2009/10/01 11:07
S22	3	S21 and label\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 11:08

S23	0	"10469160"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 13:49
S24	2	"10/469160"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 13:49
S25	150	(hayashizaki-yoshihide, kawai-jun, hayashi- toshizo, kamiya-mamoru). in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 15:06
S26	7	S25 and aptamer	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 15:06
S27	4050	tunel	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/10/01 15:56
S28	2	S25 and S27	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 15:56
S29	0	tunel with label\$3 with nucleic with hybridiz\$5	US-PGPUB; USPAT; USOCR	WITH	OFF	2009/10/01 15:58
S30	793	tunel with label\$3 with (nucleic DNA)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 15:59
S31	4	tunel with label\$3 with (nucleic DNA) with hybridiz \$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 15:59
S32	0	tunel with label\$3 with (nucleic DNA) with advantage	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 16:12
S33	0	tunel with label\$3 with advantage	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 16:12
S34	55	S25 and (tissue cell)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 16:59
S35	8	(US-20040113606-\$ or US- 20080020474-\$ or US- 20040053306-\$ or US- 20040115665-\$).did. or (US-6815672-\$).did. or (WO-2004019026-\$).did. or (JP-2002328114-\$).did. or (WO-02068952-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/02 08:20
S36	4	S35 and (micrograph microscop\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 08:21
S37	150	(hayashizaki-yoshihide, kawai-jun, hayashi- toshizo, kamiya-mamoru). in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 08:24
S38	3	S37 and (tissue cell) same (microscop\$2 micrograph)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 08:24
S40	448	(hayashizaki-yoshihide, kawai-jun, hayashi- toshizo, kamiya-mamoru). in.	FPRS; EPO; JPO	OR	OFF	2009/10/02 08:26
S41	0	S40 and (tissue cell) same (microscop\$2 micrograph)	FPRS; EPO; JPO	OR	ON	2009/10/02 08:26

S42	0	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3) with (tissue cell) same (microscop\$2 micrograph) same mass with spectromet\$2	FPRS; EPO; JPO	OR	ON	2009/10/02 08:28
S43	47	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3) with (tissue cell) same (microscop\$2 micrograph) same mass with spectromet\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 08:29
S44	255	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3 analysis analyz\$3) with (biotissue section tissue cell) same (microscop\$2 micrograph) same (mass with spectromet\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:09
S45	84	S44 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:13
S46	258	ion adj microscope same (SIMS (secondary with ion with mass with spectromet\$2))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:23
S47	1978026	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3 analysis analyz\$3) with (biotissue section tissue cell)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:24
S48	119	S46 and S47	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:24
S49	72	S46 and S47 and laser	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:25
S50	23	S49 and @ad<"20040310"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 09:25
S51	12177	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3 analysis analyz\$3) with (biotissue section tissue cell) with (MALDI matrix)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 10:06
S52	598	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3 analysis analyz\$3) with (biotissue section tissue cell) with MALDI	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 10:06
S53	559	(visualiz\$5 view\$3 monitor\$3 optical\$2 record\$3 analysis analyz\$3) with (tissue cell) with MALDI	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 10:07

S54	33	(visualiz\$5 view\$3 optical \$2) with (tissue cell) with MALDI	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 10:07
S55	13	("20040119013"   "2004021727"   "20040217278"   "20040245453"   "20050139778"   "20050139779"   "20060186332"   "5118937"   "6680477"   "6822230"   "6963066"   "7122790"   "7138625"). PN	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 10:23
S56	0	EP-0868740-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/02 10:29
S57	0	EP0868740-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/02 10:29
S58	0	0868740-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/02 10:29
S59	4	("6111251", "5777324"). pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/02 10:33
S60	1	11/313203	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 10:44
S61	3	izgarian-nicolae.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 12:02
S62	94	upright with microscope and mass with spectrometr \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 12:56
S63	0	upright with microscope same mass with spectrometr\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 12:56
S64	56	upright adj microscope and mass with spectrometr \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 12:56
S65	30	S64 and @ad< "20040310"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 12:56

S66	161	(laser with mass with (spectroscopy spectromet \$2)) and (upright inverted) adj microscope	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 14:29
S67	369	(laser with mass with (spectroscopy spectromet \$2)) same microscop\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 14:54
S68	266	(laser with mass with (spectroscopy spectromet \$2)) with microscop\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 14:54
S69	258	S68 not S66	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 14:54
S70	34	(436/86, 422/99, 436/173, 436/174).ccls. and mass with spectromet\$3 and (microscop\$2 with objective)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 15:35
S71	119	short with pulse with laser and elements with (ion ionized ionizing) and mass with spectrometry	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 15:40
S72	48	short with pulse with laser and elements with (ion ionized ionizing) and mass with spectrometry and (microscop\$2 image)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 16:23
S73	1	"20020060290".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 08:20
S74	1	"6815672".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 09:36
S75	44	atomize with ionize and mass adj spectrometry	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:18
S76	94	atomization with ionization and mass adj spectrometry	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:18
S77	81	S76 not S75	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:18
S78	2620	(ultrashort ultra adj short "ultra-short") with pulse with laser	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:20
S79	4	S78 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:20
S80	4	S78 and S75	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:20
S81	12248	(ultrashort ultra adj short "ultra-short" short) with pulse with laser	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:34
S82	7	S81 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:35

S83	14	S81 and S75	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:36
S84	6138	(ultrashort ultra adj short "ultra-short" super adj short picosecond femtosecond pico adj second femto adj second) with pulse with laser	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:56
S85	248	(atomization with ionization or atomize with ionize)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:57
S86	123	S85 not mass adj spectrometry	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:57
S87	125	S85 not S86	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:57
S88	1	S86 and S84	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:58
S89	4	S84 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:58
S90	4	S84 and S75	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 10:59

### EAST Search History (Interference)

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